

RUNWAY 5/23 SAFETY AREA IMPROVEMENTS

**LAURENCE G. HANSCOM FIELD
BEDFORD, MASSACHUSETTS**

FIGURES

Location Map

Overall Site Plan

Runway 5 Existing Conditions Plan

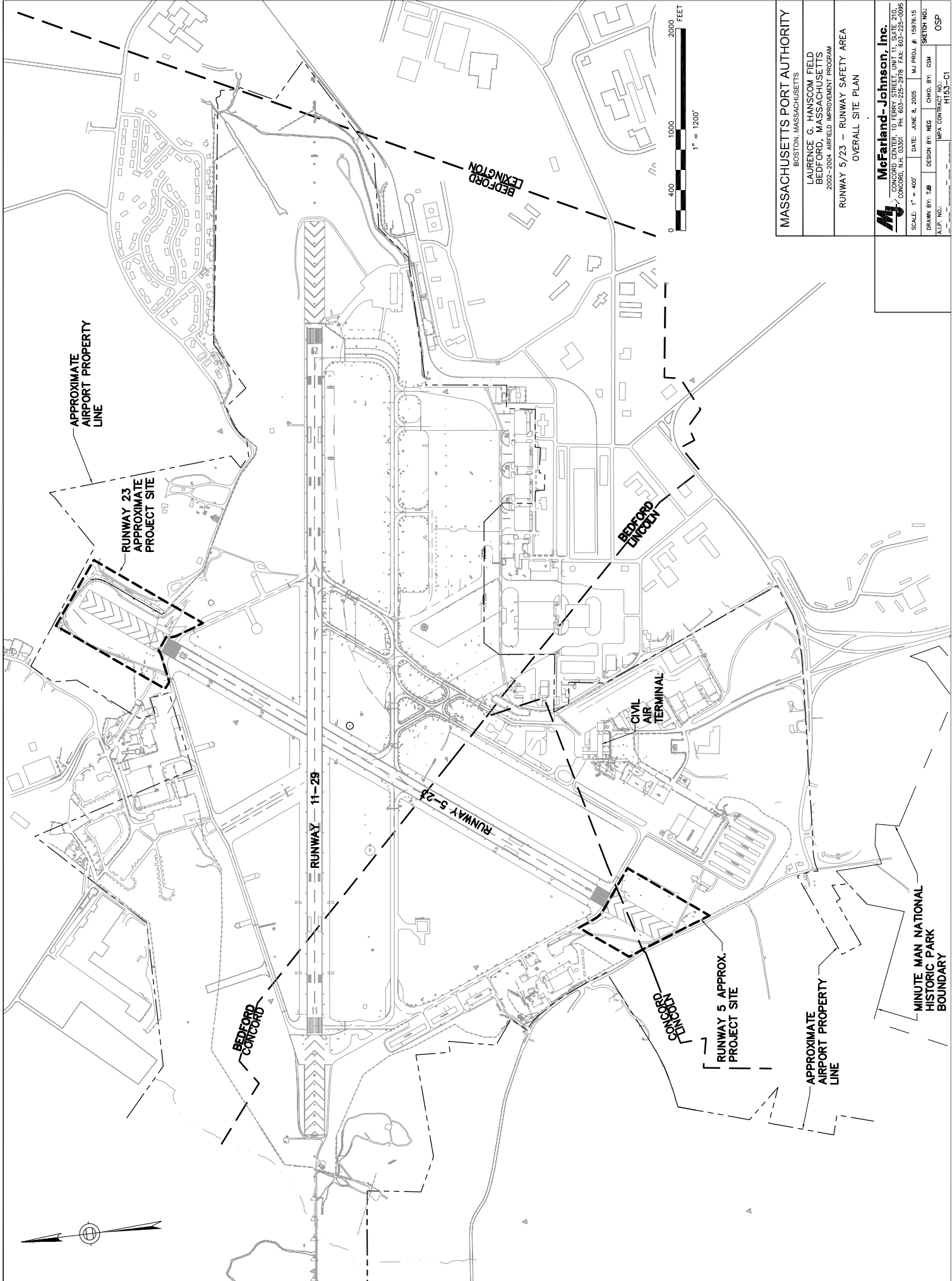
Runway 5 Grading Plan


Runway 23 Existing Conditions Plan

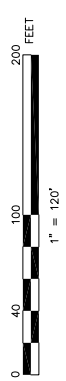
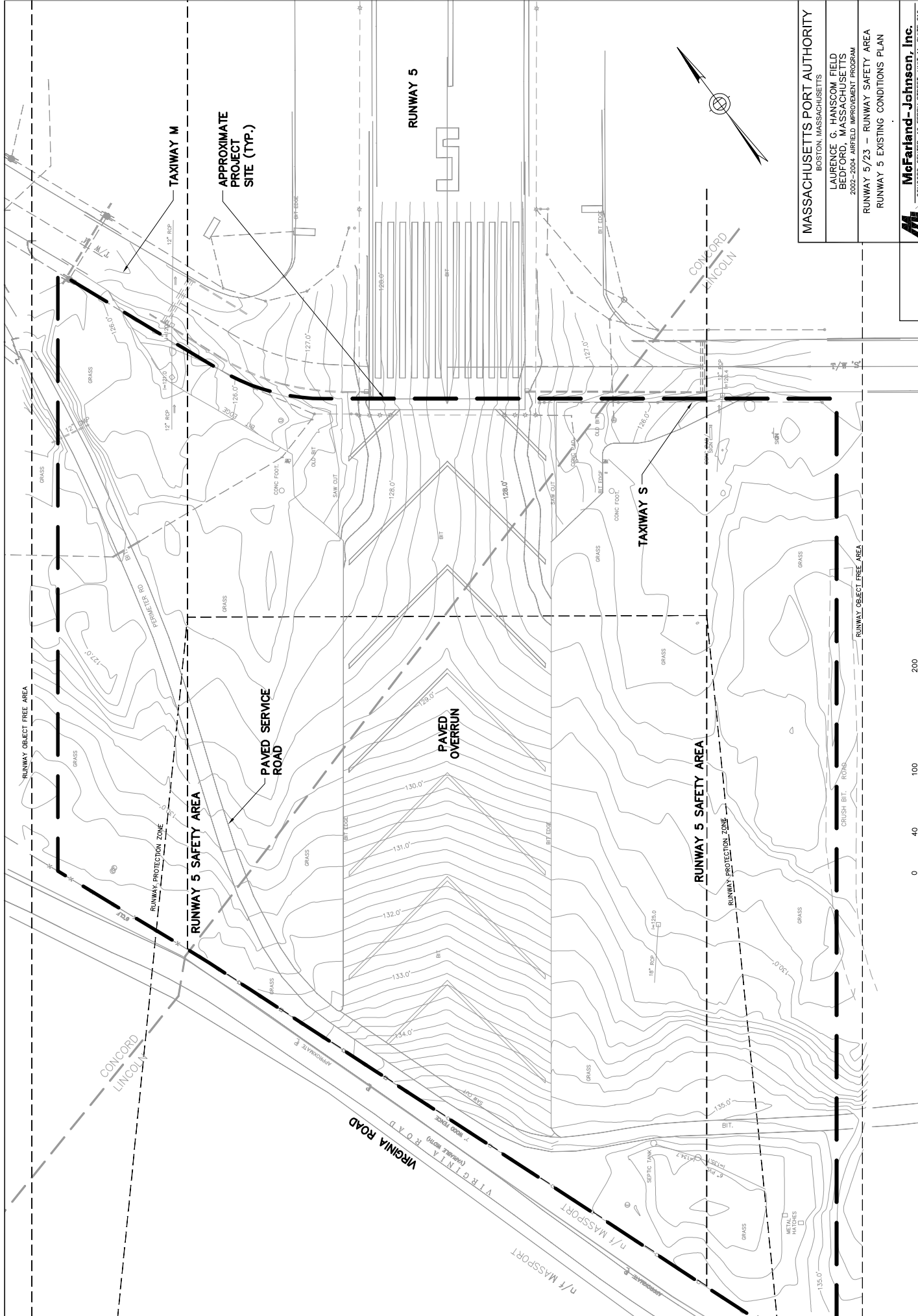
Runway 23 Site Plan

Runway 23 Grading Plan

Typical Sections



MASSACHUSETTS PORT AUTHORITY	
BOSTON, MASSACHUSETTS	
LAURENCE G. HANSCOM FIELD	
BEDFORD, MASSACHUSETTS	
2002-2004 AIRFIELD IMPROVEMENT PROGRAM	
RUNWAY 5/23 - RUNWAY SAFETY AREA	
OVERALL SITE PLAN	
 McFarland-Johnson, Inc. CONCORD, MA 01734 TEL: 978-225-2518 FAX: 978-225-1095	
SCALE: 1" = 400'	DATE: JUNE 8, 2005
DRAWN BY: TJB	DESIGN BY: NEG
ALP. NO.:	CHKD. BY: GSM
	WFA CONTRACT NO.: H153-C1
	OSP



MASSACHUSETTS PORT AUTHORITY

BOSTON, MASSACHUSETTS


LAURENCE G. HANSCOM FIELD

BEDFORD, MASSACHUSETTS

2002-2004 AIRFIELD IMPROVEMENT PROGRAM

RUNWAY 5/23 - RUNWAY SAFETY AREA

RUNWAY 5 EXISTING CONDITIONS PLAN



McFarland-Johnson, Inc.

CONCORD STREET, 10 FERRY STREET, SUITE 100

CONCORD, MA 01742

TEL: 938-225-3318 FAX: 938-225-1096

SCALE: 1" = 40'

DATE: JUNE 8, 2005

DESIGN BY: TJB

ALP. NO.:

CHKD. BY: GSM

WFA CONTRACT NO.: H153-C1

SKETCH NO.: RSE

MASSACHUSETTS PORT AUTHORITY

BOSTON, MASSACHUSETTS


LAURENCE G. HANSCOM FIELD

BEDFORD, MASSACHUSETTS

2002-2004 AIRFIELD IMPROVEMENT PROGRAM

RUNWAY 5/23 - RUNWAY SAFETY AREA

RUNWAY 5 EXISTING CONDITIONS PLAN



McFarland-Johnson, Inc.

CONCORD STREET, 10 FERRY STREET, SUITE 100

CONCORD, MA 01742

TEL: 938-225-3318 FAX: 938-225-1096

SCALE: 1" = 40'

DATE: JUNE 8, 2005

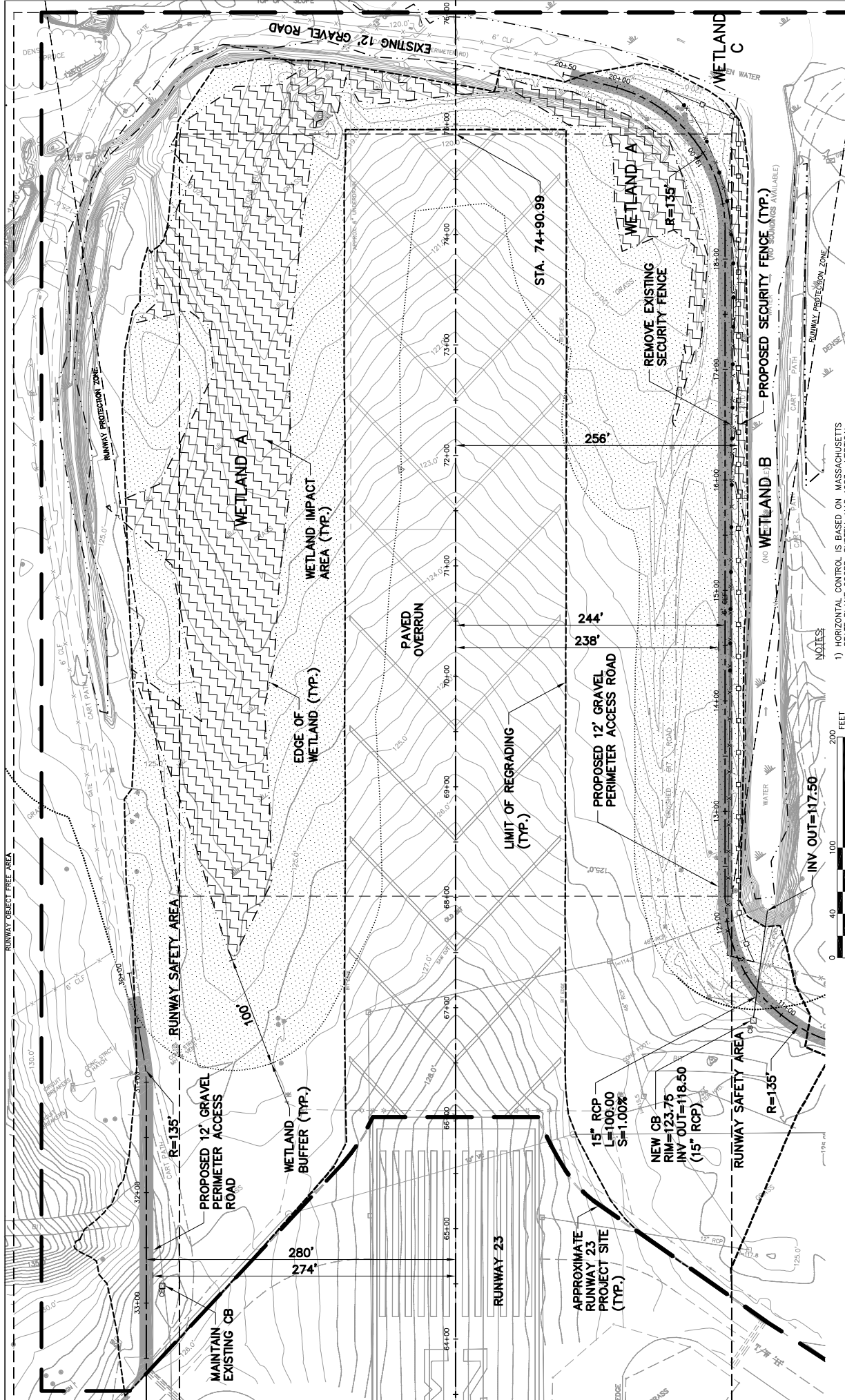
DESIGN BY: TJB

ALP. NO.:

CHKD. BY: GSM

WFA CONTRACT NO.: H153-C1

SKETCH NO.: RSE



MASSACHUSETTS PORT AUTHORITY
BOSTON, MASSACHUSETTS

LAURENCE G. HANSCOM FIELD
BEDFORD, MASSACHUSETTS
2002-2004 AIRFIELD IMPROVEMENT PROGRAM

RUNWAY 5/23 - RUNWAY SAFETY AREA
RUNWAY 23 SITE PLAN

McFarland-Johnson, Inc.
2000 WILSON STREET, SUITE 200
CONCORD, MA 01742
TEL: 603-252-2518 FAX: 603-252-1096

SCALE: 1" = 40'
DATE: JUNE 8, 2005
DATE: JUNE 8, 2005
DATE: JUNE 8, 2005
DATE: JUNE 8, 2005

DESIGN BY: TBG
CHECKED BY: GSM
PROJECT NO.: H153-C1
SHEET NO.: R23.1

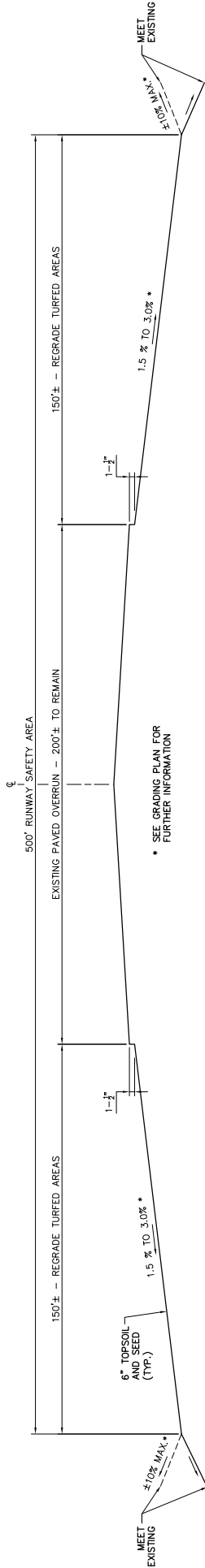
LEGEND

SEWER MANHOLE	INDEX CONTOUR	ELEVATED EDGE LIGHT	SMH
ELECTRIC MANHOLE	INTERMEDIATE CONTOUR	TAXIWAY GUIDANCE SIGN	EMH
TELEPHONE MANHOLE	PCC JOINT	BORING/CORING	TMH
DRAINAGE MANHOLE	BITUMINOUS CONCRETE (ASPHALT)	HAND HOLE	CONC.
CATCH BASIN	PORTLAND CEMENT CONCRETE	CONTROL POINT	IN-PAVEMENT LIGHT
IN-PAVEMENT LIGHT	TOWN LINE	TIE-DOWN	IN-PMT. REFLECTOR
ELEVATED REFLECTOR	EXISTING SECURITY FENCE (TO BE REMOVED)	GROUNDING ROD	

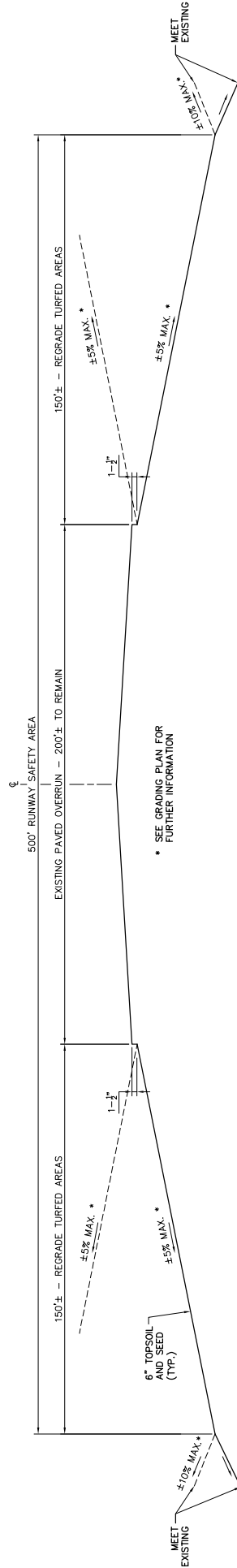
EXISTING SECURITY FENCE	NEW SECURITY FENCE
NEW 12" WIDE SERVICE ROAD	EDGE OF WETLAND
WETLAND BUFFER LIMIT	WETLAND BUFFER IMPACTS
WETLAND IMPACTS	

NOTES

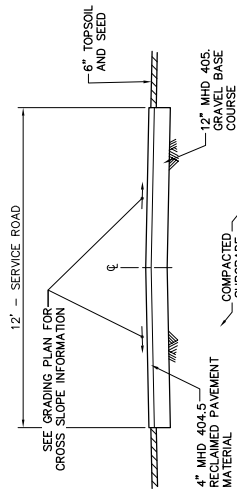
- HORIZONTAL CONTROL IS BASED ON MASSACHUSETTS STATE PLANE COORD. SYSTEM, NAD 1983. VERTICAL CONTROL IS BASED ON NGVD 1929.
- TOPOGRAPHICAL SURVEY PROVIDED BY MASSPORT SURVEY ON PLANS ENTITLED "TOPOGRAPHIC PLAN RUNWAY 5, SAFETY AREA IMPROVEMENTS, MPA PROJECT H153-C1" AND "TOPOGRAPHIC PLAN RUNWAY 23, SAFETY AREA IMPROVEMENTS, MPA PROJECT H153-C1", DATED FEB. 2004.
- TOPOGRAPHICAL SURVEY HAS BEEN SUPPLEMENTED BY AS-BUILT AND RECORD INFORMATION PROVIDED BY MASSPORT.
- UNDERGROUND UTILITY LOCATIONS ARE BASED ON BEST INFORMATION AVAILABLE. FOR FURTHER INFORMATION ON UTILITIES CONTACT MPA GIS UNIT AT 617-561-1799.



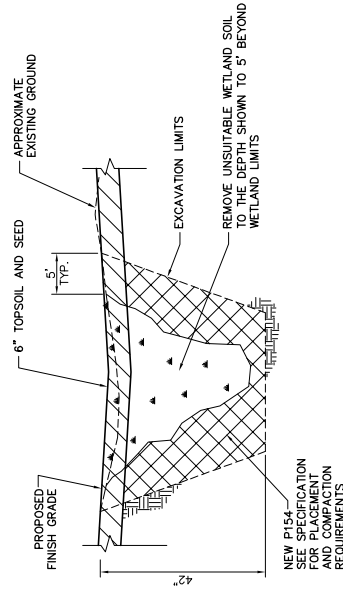
TYPICAL SECTION 0'-200' BEHIND THRESHOLD
NOT TO SCALE




TYPICAL SECTION MORE THAN 200' BEHIND THRESHOLD
NOT TO SCALE



TYPICAL SECTION
SERVICE ROAD
NOT TO SCALE



TYPICAL WETLAND SOIL REPLACEMENT
NOT TO SCALE

MASSACHUSETTS PORT AUTHORITY BOSTON, MASSACHUSETTS	
LAURENCE G. HANSCOM FIELD BEDFORD, MASSACHUSETTS 2002-2004 AIRFIELD IMPROVEMENT PROGRAM	
RUNWAY 5/23 - RUNWAY SAFETY AREA TYPICAL SECTIONS	
 McFarland-Johnson, Inc. 1000 CENTURY TO FERRY STREET, SUITE 200 CONCORD, MA 01742 TEL: 978-225-3318 FAX: 978-225-1096	
SCALE: NOT TO SCALE	DATE: JUNE 8, 2005
DRAWN BY: TMB	CHKD. BY: GSD
ALP. NO.:	WFA CONTRACT NO.: H153-C1
	SKETCH NO.: T.1